



PATENT  
DOCKET NO. 27866/32960

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

|                                      |   |   |
|--------------------------------------|---|---|
| Application of:                      | ) | I hereby certify that this paper is being     |
|                                      | ) | deposited with the United States Postal       |
| Patrick W. Gray                      | ) | Service as first class mail, postage prepaid, |
|                                      | ) | in an envelope addressed to:                  |
| Serial No: 08/663,618                | ) | Assistant Commissioner for Patents            |
|                                      | ) | Washington, D.C. 20231, on this date          |
| Filed: June 14, 1996                 | ) |   |
|                                      | ) | August 26, 1996                               |
| For: Chitinase Materials and Methods | ) | <i>Li Hsien Rin-Laures</i>                    |
|                                      | ) | Li-Hsien Rin-Laures                           |

RESPONSE TO NOTICE TO FILE MISSING PARTS AND  
NOTICE TO COMPLY WITH SEQUENCE LISTING REQUIREMENTS  
AND  
SUBMISSION OF SUBSTITUTE COMPUTER READABLE FORM  
OF SEQUENCE LISTING

Assistant Commissioner for Patents  
Washington, DC 20231

RECEIVED  
SEP 23 1996  
GPO: 1996-1300

Sir:

In a Notice to File Missing Parts mailed August 16, 1996 (copy enclosed), Applicant was notified that the application did not comply with the sequence rules. The accompanying Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (copy also enclosed) indicated that the computer readable form (CRF) of the sequence listing was damaged and/or unreadable. In response, Applicants provide herewith a substitute CRF of the Sequence Listing and a new statement under 37 C.F.R. §1.825(d) that the substitute CRF copy is identical to that originally filed.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6402  
(312) 474-6300

By:

*Li Hsien Rin-Laures*  
Li-Hsien Rin-Laures  
Reg. No: 33,547

August 26, 1996



8-29-96  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
T-4

| APPLICATION NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-------------|-----------------------|------------------------|
| 08/663,618         | 08/14/96    | GRAY                  | P 27866/32960          |

0242/0816  
MARSHALL O'TOOLE GERSTEIN MURRAY & BORUN  
6300 SEARS TOWER  
233 SOUTH WACKER DRIVE  
CHICAGO IL 60606-6402

0000

DATE MAILED: 08/16/96

### NOTICE TO FILE MISSING PARTS OF APPLICATION FILING DATE GRANTED

An Application Number and Filing Date have been assigned to this application. However, the items indicated below are missing. The required items and fees identified below must be timely submitted **ALONG WITH THE PAYMENT OF A SURCHARGE** for items 1 and 3-6 only of \$ \_\_\_\_\_ for large entities or \$ \_\_\_\_\_ for small entities who have filed a verified statement claiming such status. The surcharge is set forth in 37 CFR 1.16(e).

If all required items on this form are filed within the period set below, the total amount owed by applicant as a ☐ large entity, ☐ small entity (verified statement filed), is \$ \_\_\_\_.

Applicant is given **ONE MONTH FROM THE DATE OF THIS LETTER, OR TWO MONTHS FROM THE FILING DATE** of this application, **WHICHEVER IS LATER**, within which to file all required items and pay any fees required above to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

1. ☐ The statutory basic filing fee is: ☐ missing ☐ insufficient. Applicant as a ☐ large entity ☐ small entity, must submit \$ \_\_\_\_\_ to complete the basic filing fee.
2. ☐ Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity, ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
3. ☐ The oath or declaration:  
☐ is missing.  
☐ does not cover the newly submitted items.  
  
An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date is required.
4. ☐ The oath or declaration does not identify the application to which it applies. An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
5. ☐ The signature(s) to the oath or declaration is/are: ☐ missing; ☐ by a person other than the inventor or a person qualified under 37 CFR 1.42, 1.43, or 1.47. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
6. ☐ The signature of the following joint inventor(s) is missing from the oath or declaration:  
  
\_\_\_\_\_. An oath or declaration listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.
7. ☐ The application was filed in a language other than English. Applicant must file a verified English translation of the application and a fee of \$ \_\_\_\_\_ under 37 CFR 1.17(k), unless this fee has already been paid.
8. ☐ A \$ \_\_\_\_\_ processing fee is required since your check was returned without payment. (37 CFR 1.21(m)).
9. ☐ Your filing receipt was mailed in error because your check was returned without payment.
10. ☒ The application does not comply with the Sequence Rules. See attached Notice to Comply with Sequence Rules 37 CFR 1.821-1.825.
11. ☐ Other.

300 MM 09/05/96 09063618  
1 205 05.09 GM

Direct the response to Box Missing Part and refer any questions to the Customer Service Center at (703) 308-1202.

**A copy of this notice MUST be returned with the response.**

COPY TO BE RETURNED WITH RESPONSE



PATENT  
DOCKET NO. 27866/32960

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Application of:

Patrick W. Gray

Serial No: 08/663,618

Filed: June 14, 1996

For: Chitinase Materials and Methods

) I hereby certify that this paper is being  
) deposited with the United States Postal  
) Service as first class mail, postage prepaid,  
) in an envelope addressed to:  
) Assistant Commissioner for Patents  
) Washington, D.C. 20231, on this date  
)  
) August 26, 1996  
) Li Hsien Rin-Laures  
) Li-Hsien Rin-Laures

STATEMENT UNDER 37 C.F.R. §1.825(d)

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

I hereby declare under 36 C.F.R. §1.825(d) that the contents of the substitute computer readable form of the Sequence Listing submitted herewith are the same as the contents of the paper copy of the Sequence Listing as originally filed pursuant to 37 C.F.R. §1.821(c).

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6402  
(312) 474-6300

By:

Li Hsien Rin-Laures  
Li-Hsien Rin-Laures  
Reg. No: 33,547

August 26, 1996

08663618-082896



**PATENT**  
**DOCKET NO. 27866/32960**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                       |   |                                |
|-----------------------|---|--------------------------------|
| Applicant(s):         | ) |                                |
|                       | ) |                                |
| Patrick W. Gray       | ) | Title: Chitinase Materials and |
|                       | ) | Methods                        |
| Serial No: 08/663,618 | ) |                                |
|                       | ) |                                |
| Filed: June 14, 1996  | ) |                                |

**TRANSMITTAL OF EXECUTED DECLARATION**

***Assistant Commissioner for Patents***  
***Washington, D.C. 20231***

***Attention: Application Branch***

Sir:

Submitted herewith is an executed Declaration for filing in the above-identified application.

---

**CERTIFICATE OF MAILING (37 CFR 1.8)**

I hereby certify that this paper and the documents referred to as enclosed therewith are being deposited with the United States Postal Service as first class mail, postage prepaid, on August 26, 1996 in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Li-Hsien Rin-Laures

Also enclosed is our check in the amount of \$65.00 in payment of the fee.

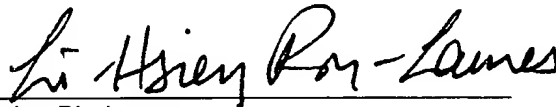
The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 13-2855. A copy of this request is enclosed.

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6402  
(312) 474-6300

By:



Li-Hsien Rin-Laures  
Reg. No: 33,547

August 26, 1996